

Docket No.: 13311-00036-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
R. Rogers Yocum et al.

Application No.: 10/520,220

Confirmation No.: 2729

Filed: October 26, 2005

Art Unit: 1652

For: Microorganisms And Processes For Enhanced  
Production Of Pantothenate

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Examiner: Christian L. Fronda

**AMENDMENT AND REPLY UNDER 37 CFR §1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated December 1, 2009, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.